

Checklist for implementation of the measures listed under Appendix no. 1 and 2 to the Environmental Management Plan

Appendix no. 1

to the Final Report on the implementation of the measures listed under the EMP
for Contract 2A.2/2

Odra-Vistula Flood Management Project

Subcomponent	2.A: Active protection
Contract	2A.2/2 Construction of "Krosnowice" - a dry flood control reservoir on Duna Stream
Employer / Project Implementation Unit	State Water Holding Polish Waters Regional Water Management Authority in Wrocław
Project Implementation Office (PIO)	Project Implementation Office of the Odra-Vistula Flood Management Project
Works Contractor	Power Construction Corporation of China, Limited. No. 22 Chegongzhuang West Road, Haidian District, Beijing 100048, P.R. China Construction Site Office: Szalejów Górny 47D 57-314 Szalejów Górny
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This document – constituting **Appendix no. 1** to the *Final Report on the implementation of the measures listed under the Environmental Management Plan for Contract 2A.2/2* (reporting period: April 16, 2018 – May 26, 2024), elaborated by the Engineer/Consultant – consists of the following 3 parts:

- Part I. Checklist for implementation of the mitigation measures listed under Appendix 1 to the EMP for Contract 2A.2/2
- Part II. Checklist for implementation of the monitoring measures listed under Appendix 2 to the EMP for Contract 2A.2/2
- Part III. Quantitative list for implementation of the measures listed under Appendix 1 and 2 to the EMP within the reporting period

Part I. Checklist for implementation of the mitigation measures listed under Appendix 1 to the EMP for Contract 2A.2/2

Explanation for the checklist presented in Part I

The measures listed under Appendix 1 to the EMP for Contract 2A.2/2 are grouped in 22 thematic categories (marked with letters A.- V.):

Cat.	Category Name	Item at EMP checklist
A.	Requirements on schedule of works	1-2
B.	Requirements on traffic system of the <i>Task implementation area</i>	3-4
C.	Requirements on locations of site facilities and service roads and yards	5-6
D.	Requirements on quality and management of soils	7-10
E.	Requirements on handling of topsoil	11
F.	Requirements on felling of trees and shrubs	12-17
G.	Requirements on protection of trees and shrubs not intended for felling	18-24
H.	Requirements on securing protected natural resources	25-38
I.	Detailed requirements on works in beds of watercourses	39-56
J.	Detailed requirements on works for construction of rubble trap	57
K.	Requirements on recreation of the site after completion of construction works	58
L.	Requirements on rules for the use of constructed facilities	59-68
M.	Requirements on prevention of environmental pollution	69-92
N.	Requirements on waste management	93-97
O.	Requirements on health and safety protection	98-103
P.	Requirements on extraordinary threats to the environment	104-106
R.	Requirements on conservation of historic monuments	107-109
S.	Measures related to the restoration of natural environment resources	110-112
T.	Implementation of the measures specified in RDOŠ decisions permitting derogations from prohibitions on protection of species of plants and animals	113-114
U.	Requirements on the Contractor's personnel implementing the EMP	115-120
V.	Requirements on reporting of EMP implementation	121-123

The numbers in the column "*Item at EMP checklist*" – from 1) to 123) – stand for the numbers of relevant mitigation measures, according to the numbering in Appendix 1 of the EMP.

The following is given for each of mitigation measures:

- Description of the measure (marked with ***bold and italicised font*** together with number in the column "Item");
- Literal content of the measure in the wording of Appendix 1 of the EMP;
- Description of the implementation status of the measure in the reporting period.

Table 1. Checklist for implementation of the mitigation measures listed under Appendix 1 to the EMP for Contract 2A.2/2.

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
1.	<p>EMP conditions on the dates and time of works</p> <p>When setting work schedules and at the stage of their implementation, the EMP conditions regarding the dates and time of conducting various types of work should be taken into account:</p> <ul style="list-style-type: none"> a) dates for notification and site visits of the fishing user (see item 39); b) acceptable dates of works in water channels (see item 42); c) acceptable dates for first-time passing of water through the adit in the reservoir dam (see item 56); d) acceptable hours of conducting the works (see item 85); e) acceptable dates for removal of the topsoil layer (see item 11(b)); f) acceptable dates for removing trees and shrubs (see items 12 and 15); g) acceptable dates for grubbing the felled trees and shrubs on slopes of watercourse channels (see item 16); h) dates of environmental supervision inspections before felling of trees (see item 15); i) dates for felling trees and shrubs (see item 17); j) dates of environmental supervision inspections before demolition of building structures (see item 29); k) dates of inspections related to ensuring the protection of small animals on the site (see items 31 and 32); l) agreeing deadlines for carrying out land reclamation works (see item 58); m) dates of conducting maintenance works in the reservoir bowl (see item 64); n) acceptable time for holding water in the reservoir (see item 59); o) dates for mowing of meadows in the reservoir dam (see item 68); p) dates for planting tree- and shrub-based vegetation (see item 110); q) dates for hanging nesting boxes for birds (see item 111); r) dates for hanging boxes for bats (see item 112); s) expiry dates of RDOŚ decisions permitting derogations from prohibitions on protection of species of plants and animals (see items 113 and 114); <p>deadlines for reporting the implementation of the EMP (see items 121, 122, 123).</p>	<p>Implementation status for particular elements:</p> <ul style="list-style-type: none"> a. <u>site visit of the fishing user</u> See: description under item no. 39. b. <u>dates of works in water channels</u> See: description under item no. 42. c. <u>dates for first-time passing of water through the adit in the dam</u> See: description under item no. 56. d. <u>works performance hours</u> See: description under item no. 85. e. <u>date for removal of the topsoil layer</u> See: description under item no. 11. f. <u>dates of felling trees and shrubs</u> See: description under items no. 12 and 15. g. <u>dates for grubbing the felled trees and shrubs on slopes of watercourse channels</u> See: description under item no. 16. h. <u>environmental supervision inspections before felling of trees</u> See: description under item no. 15. i. <u>completion of felling of trees and shrubs</u> See: description under item no. 17. j. <u>environmental supervision inspections before demolition of building structures</u> See: description under item no. 29. k. <u>inspections related to ensuring the protection of small animals on the site</u> See: description under items no. 31 and 32. l. <u>dates of conducting land reclamation works</u> See: description under item no. 58. m. <u>date of conducting maintenance works in the reservoir bowl</u> See: description under item no. 64. n. <u>time for holding water in the reservoir</u> See: description under item no. 59. o. <u>date for mowing of meadows in the reservoir dam</u> See: description under item no. 68. p. <u>date for tree and shrub planting</u> See: description under item no. 110. q. <u>date for hanging nesting boxes for birds</u> See: description under item no. 111. r. <u>date for hanging boxes for bats</u> See: description under item no. 112. s. <u>expiry dates of permissions from RDOŚ decisions</u> See: description under items no. 113 and 114. t. <u>reporting of EMP implementation</u> See: description under items no. 121-122, 123

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
2.	<p>EMP conditions on activities to be carried out before or at the initial stage of works</p> <p>When setting work schedules and at the stage of their implementation, the EMP conditions should be taken into account regarding activities to be carried out before or at the initial stage of works, including:</p> <ul style="list-style-type: none"> a) conditions for building and equipping the construction site facilities, service roads and sites (see item 5, and also items 71, 74, 75, 76, 77, 78, 80, 81, 82, 91, 94, 95, 96, 101, 102); b) conditions for the road access to the construction site (see items 3 and 4); c) conditions concerning quality (pollution) tests of land and river sediments (see item 7); d) the condition for removing and securing the topsoil (see item 11); e) the condition for securing trees and shrubs unintended for removal (felling) (see item 18); f) conditions for the implementation of environmental inventories (see items 25 and 26); g) the condition concerning the protection of natural habitat boundaries (see item 27); h) the condition concerning the replanting of protected plant specimens (see item 28); i) the condition for securing the building site against the entry of small animals (see item 31); j) the condition for notification and site visits of the fishing user (see item 39); k) conditions for the development of selected documents (see items 8, 58, 93, 98, 104, 108, 110, 111, 112, 117, 118, 119, 121); l) conditions for documentation of technical condition of buildings and infrastructure facilities (see items 3 and 100); m) the condition for explosive ordnance survey of the site (see item 99); n) the condition for inventory of illegal landfills and waste disposal (see item 97); o) the condition for obtaining the opinion of the conservator of monuments (see item 107); p) the condition for obtaining the Engineer's approval for the appointed person to be EMP co-ordinator and the composition of the team of environmental experts, the team of expert archaeologists and the team of sapper supervision (see items 116, 117, 118 and 119). r) the condition for training on the guidelines of the EMP implementation (see item 115). 	<p>Implementation status for particular elements:</p> <ul style="list-style-type: none"> <u>a. development and furnishing of the site facilities, as well as service roads and yards</u> See: description under items no. 5, 71, 74, 75, 76, 77, 78, 80, 81, 82, 91, 94, 95, 96, 101, 102. <u>b. traffic services for the construction site</u> See: description under items no. 3 and 4. <u>c. quality tests of land and river sediments</u> See: description under item no. 7. <u>d. removing and securing the topsoil layer</u> See: description under item no. 11. <u>e. protection of trees and shrubs not intended for felling</u> See: description under item no. 18. <u>f. execution of nature inventory</u> See: description under items no. 25 and 26. <u>g. protection of natural habitat boundaries</u> See: description under item no. 27. <u>h. replanting of protected plant specimens</u> See: description under item no. 28. <u>i. protection against the entry of small animals</u> See: description under item no. 31. <u>j. site visit of the fishing user</u> See: description under item no. 39. <u>k. development of selected documents</u> See: description under items no. 8, 58, 93, 98, 104, 108, 110, 111, 112, 117, 118, 119, 121. <u>l. technical condition of buildings and infrastructure facilities</u> See: description under items no. 3 and 100. <u>m. sapper reconnaissance of the construction site</u> See: description under item no. 99.

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
		<p><u>n. inventory of illegal landfills for garbage and waste</u></p> <p>See: description under item no. 97.</p> <p><u>o. obtaining the opinion of the conservator of monuments</u></p> <p>See: description under item no. 107.</p> <p><u>p. Engineer's approval for the EMP co-ordinator and the composition of the team of environmental experts, the team of expert archaeologists and the team of sapper supervision</u></p> <p>See: description under items no. 116, 117, 118 and 119.</p> <p><u>n. trainings on the rules of EMP implementation</u></p> <p>See: description under item no. 115.</p>
3.	<p><i>Conditions of use of access roads to the Task implementation area</i></p> <p>The following conditions apply to the use of access roads to the Task implementation area:</p> <p>a) Access to the Task implementation area should be determined on the basis of existing roads,</p> <p>b) The Contractor shall ensure proper markings of all access roads to the Task implementation area in accordance with applicable law and as agreed with the relevant Road Management Authorities. These markings will be monitored regularly, and in the case of damage or theft, the Contractor shall immediately restore or supplement these markings;</p> <p>c) The Contractor shall ensure the protection of people against increased vehicular traffic on roads used during the construction works. During the period of Task performance, the Contractor shall supply, install and operate all temporary safety devices, ensuring the safety of vehicles and pedestrians;</p> <p>d) Paved surfaces (e.g. access roads) used for vehicle transportation of aggregate and building materials should be maintained in good technical condition;</p> <p>e) The Contractor shall apply to statutory restrictions for the axle load at the transport of materials to and from the Task implementation area. The Contractor shall obtain all necessary permits for the transport of atypical loads and continuously notify the Engineer of any such carriage;</p> <p>f) The Contractor shall be responsible for all damage to buildings and structures, roads, drainage ditches, culverts, water and gas pipes, poles and power lines,</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>cables, points of geodetic control network and installation of any kind, and objects of another kind as horizontal and vertical marking, navigation marking, signage, cultural objects, etc., caused by him or his Subcontractors within the Task implementation period. The Contractor is also responsible for restoring the flow capacity of ditches and drainage installations in the area of the works being conducted and the transport routes being used in the event of damages caused by the execution of works and transport related to the management of works. The Contractor shall immediately repair, at its own expense, all damages arisen and – when necessary – shall carry out other works ordered by the Engineer.</p> <p>g) The Contractor is required to prepare the photographic documentation of the whole Task implementation area and access roads, with particular emphasis on the technical condition of the roads and buildings located near the roads for transport of construction materials.</p> <p>h) Before commencing the works, the Contractor will carry out local site inspections in the presence of the Road Management Authorities, which will result in drawing up protocols on the condition of access roads to the Task implementation area. On this basis, the Contractor shall be obliged to reconstruct the technical condition of the roads prior to the Task implementation period.</p> <p>i) The Contractor is obliged to agree with the Road Management Authorities of the traffic arrangement and works security plan. The Contractor is obliged to carry out the traffic organisation according to the agreed designs (marking and securing the Task implementation area and marking detours and recommended road marking connected with a change of traffic organization, etc.).</p> <p>j) Prior to the commencement of works, the Contractor shall submit to the Engineer for approval the traffic organisation plan and works protection plan as agreed upon with Road Management Authorities and traffic authorities as well as the traffic management schedule. Depending on the needs and progress of works, the traffic organisation plans shall be updated by the Contractor on a regular basis.</p>	
4.	<p><i>Additional conditions for access roads to the Task implementation area</i></p> <p>Transport of materials and traffic of vehicles, machines and devices supporting the construction process should be carried out, in the first place, on existing public roads, forest roads or dirt roads.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 3rd quarter of 2018 and was continued for the entire period of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>If it is necessary to execute an additional access road to the Task implementation area, it should be designated in the form of as short a section as possible and outside environmental habitats referred to in item 27.</p> <p>A temporary course of slabs or wooden boards is to be laid on the course of the above-mentioned access road, which is to be removed on completion of the works (see also item 58 p. 1).</p>	
5.	<p><i>Obligation to build construction site facilities, service roads and yards</i></p> <p>Before starting the construction works, it is necessary to provide site facilities, service roads and yards.</p> <p>Construction site facilities are used to store building materials, for garaging, refuelling and repairing of vehicles, machines and equipment, and to provide location of social facilities (locker rooms, office, workshop, portable sanitary cabins) and waste containers.</p> <p>Equipment of site facilities should meet, among others, the conditions specified in items 71, 74, 75, 76, 77, 78, 80, 81, 82, 91, 94, 95, 96, 101, 102.</p> <p>When planning the above components of the construction site, it is needed to ensure limitation of their area to a necessary minimum.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.</p>
6.	<p><i>Conditions for locations of site facilities and service roads and yards</i></p> <p>The construction site facilities and service roads and yards should be located:</p> <ul style="list-style-type: none"> a) outside areas covered by tall greenery (trees, shrubs), which are to be left in accordance with the design documentation; b) outside the area of identified natural habitats (see also item 27) and outside the area of habitats and places of occurrence of protected species intended to be preserved in the construction design; c) outside the range of flood waters with a probability of occurrence of $Q_p=0.2\%$; d) beyond the protective zone of groundwater intakes; e) in the areas ensuring no impact of noise on acoustically protected areas; f) at a distance of not less than 100 m from existing water courses, reservoirs and wetland sites (applies to construction site facilities); g) as a first step, consideration should be given to locating construction site facilities in the area adjacent to the planned cascade (spillway) in the south, below the reservoir dam (according to the environmental documentation submitted to RDOŚ in Wrocław at the stage of obtaining the environmental decision). 	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	Designed locations of site facilities as well as roads and yards should be agreed with a team of environmental experts, referred to in item 117 (including i.a. a phytosociology expert) and submitted, together with the above arrangements, to the Engineer for approval.	
7.	<p><i>Examination of quality (state of pollution) of land on the Task implementation area</i></p> <p>Prior to the commencement of earthworks, it is necessary to perform the quality tests (pollution status) of soils within the Task implementation area (including earth mass outside the riverbeds of watercourses and sedimentation in riverbeds of watercourses), planned for:</p> <p>a) management within the boundaries of the construction site (including use for construction purposes) or</p> <p>b) removal outside the boundaries of the construction site.</p> <p>The purpose of the test is to:</p> <p>a) determine the possibilities to use these soils within the boundaries of the construction site, in accordance with applicable regulations, and</p> <p>b) establish an acceptable method of dealing with the soils not usable within the construction site boundaries.</p> <p>The tests should be performed in accordance with current regulations, including the Waste Act, Environmental Protection Law and implementing acts to the above laws.</p> <p>The tests should be carried out by an accredited laboratory, approved by the Engineer.</p> <p>Before starting the tests, the Contractor shall submit the methodology of planned examination to the Engineer for approval.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p> <p>No need to implement the measure over the next quarters was determined.</p>
8.	<p><i>Management of soils coming from the construction site</i></p> <p>Soils located on the construction site (including the earth masses outside the beds of watercourses and sediments from the beds of watercourses) should be used at the construction site in the first place. The remaining excess soils should be used in accordance with the applicable regulations and the design documentation (see also: item no. 10). The procedure for the waste soils should be presented in the Plan of waste management, developed by the Contractor and submitted to the Engineer for approval before the commencement of works (according to item 93).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
9.	<p>Requirements concerning soils or aggregates from outside of the construction site</p> <p>Soils (including the earth mass) and aggregates used for construction works, and coming from outside the construction site, shall meet the requirements for soil quality standards and earth quality standards (in accordance with the Environmental Protection Law and its implementing acts), as well as in all other applicable regulations and standards (including the conditions of item 69 of Appendix 1 of the EMP).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.</p>
10.	<p>Management of unused soil masses</p> <p>The soil masses not incorporated into the body dam should be used to grade the site, including the area from which the soil masses were extracted (except for the rubble trap and other areas provided to be left in the design documentation). [see also item 58 p. 2]</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.</p>
11.	<p>Removal, storage, and use of topsoil</p> <p>In order to protect topsoil in the Task implementation area:</p> <ul style="list-style-type: none"> a) remove at least 0.2 m of fertile soil (referred to as topsoil) prior to commencement of any construction works in individual parts of the Task implementation area (this condition applies to all locations in the Task implementation area where the existing topsoil layer could become degraded in relation to works, movement, and maintenance of machinery and devices, storage of materials etc.); b) works related to topsoil removal shall be carried out only in the period from August 15 to March 15; c) the removed topsoil should be stored in heaps not wider than 3 m and not higher than 1.5 m; d) the removed topsoil should be stored within the boundaries of the Task implementation area (optimum - within the area of site facilities). Detailed location of topsoil heaps should be agreed in advance with the team of environment experts referred to in item 117 (including a phytosociology expert) so that storage of topsoil does not result in degradation of natural habitats and natural conservation sites for protected species and does not have a negative impact on health of trees and shrubs (see the condition in item 19); e) stored topsoil heaps should be protected from damage, contamination, running over, thickening, storage of building materials, etc.; f) stored topsoil heaps should be regularly sprinkled with water depending on the weather (never allow the heaps to become dry for over 5 days) and protected against freezing (e.g. using straw mats for this purpose); 	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was continued until the end period of execution of works.</p> <p>Problems occurred with the implementation of the measure in the period of the 4th quarter of 2020. One of the topsoil piles was found to be briefly covered with the construction material. The Contractor took steps to clean up the construction material from the topsoil pile. The shortcoming had no actual impact on the environment.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	g) after completion of construction works, stored topsoil should be used to restore the layer of fertile soil as per the conditions specified in item 58 of the table.	
12.	<p><i>Permissible date of felling trees and shrubs</i></p> <p>The felling of trees and shrubs should only be performed in the period from August 15 to March 15.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was finished in the 4th quarter of 2019.</p>
13.	<p><i>Permissible places of felling trees and shrubs</i></p> <p>The felling of trees and shrubs should be conducted only in the zone of probability of flooding of Qp=10% and under the structures planned for construction (dam, new channels, bank revetments).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was finished in the 4th quarter of 2019.</p>
14.	<p><i>Environmental supervision in determining trees for felling</i></p> <p>Determination of trees for felling in the Task implementation area should be carried out under the supervision of the phytosociologist expert (referred to in item 117) in order to preserve as much of individual patches of natural habitats as possible.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was finished in the 4th quarter of 2019.</p>
15.	<p><i>Environmental supervision prior to and during clearance of trees of circumference at breast height above 40 cm</i></p> <p>In the case of removing trees with diameter of over 40 cm at breast height, the following rules apply:</p> <p>a) clearance of trees of circumference at breast height above 40 cm should be preceded by an inspection of the trees for the presence of protected bats and invertebrates carried out by an expert entomologist and chiropterologist (referred to in item 117), not longer than 1 week prior to removal of a given tree;</p> <p>b) in case of identifying the occurrence of protected species of invertebrates and/or bats in trees to be felled, the above-mentioned experts shall indicate acceptable time and methods for the removal and shall determine proceeding methods for wood inhabited by species of protected animals. Felling dates agreed with the above-mentioned experts should not violate the conditions specified in item 12 (for trees in which the presence of bats was found, the optimum felling period is from September the 1st to October 31st);</p> <p>c) trees of circumference at breast height above 40 cm will be felled under direct supervision of the</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was completed in the 4th quarter of 2019.</p> <p>Problems occurred with the implementation of the measure in the period of the 4th quarter of 2018. It was found that clearance of trees of circumference at breast height above 40 cm on the day of the inspection did not take place under the direct supervision of an expert from the environmental team. The Contractor took steps to implement corrective actions to ensure supervision during felling. The shortcoming had no actual impact on the environment.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>above-mentioned expert entomologist and expert chiropterologist;</p> <p>d) if the presence of protected invertebrate and/or bat species is found in the trees to be felled, the above experts will determine the ways of handling wood inhabited by protected animal species and and procedures to limit mortality rate of any found protected animal specimen;</p> <p>e) transfer of specimens of protected species of invertebrates and/or bats in trees planned to be felled and/or in trees to be felled may be done under a direct supervision of the above-mentioned expert entomologist and expert chiropterologist only;</p> <p>f) should any presence of protected invertebrate and/or bat species be confirmed in trees to be felled and/or in trees being felled, obtain a legally required administrative decision for derogation from prohibitions regarding protected animal species (if required in each case).</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in items 122 and 123. [see also item 114 p. 9]</p>	
16.	<p>Acceptable dates and conditions for grubbing roots of the felled trees and shrubs on slopes of river channels</p> <p>The grubbing of roots of the felled trees and shrubs growing on slopes of river channels should be carried out between June the 1st and the end of February (i.e. outside the period from March the 1st to May 30th), and optimally between June the 1st and August 30th.</p> <p>The above-mentioned works should be carried out under the supervision of an expert ichthyologist (referred to in item 117).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 and was finished in the 4th quarter of 2019.</p>
17.	<p>Completion date for felling of trees and shrubs</p> <p>All works related to felling of trees and shrubs in the Task implementation area (including extraction of stumps and removal of wood) should be completed within the first 12 months following commencement of the Part of Contract involving implementation of the Task (within periods referred to in items 12 and 16).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 and was finished in the 4th quarter of 2019.</p>
18.	<p>Protection of trunks of trees not intended for felling</p> <p>Prior to commencement of any construction works, the trunks of the trees exposed to mechanical damage should be protected with wooden boards to a height of 2-3 m from the ground level (bottom of the boards is to be based on the substrate). Between the boards and the surface of the tree trunk, place</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was continued until the end period of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>the flexible material (e.g. thick straw mats), protecting the trunk against abrasion by boards. Boards must be attached to the trunk (e.g. with the bands of wire or steel tape), in a manner that does not damage the tree.</p> <p>In the Task implementation period, the condition of protection of tree trunks exposed to damage should be controlled on regular basis and the protections should be kept in duly condition.</p>	<p>Problems occurred with the implementation of the measure in the period of the 2nd quarter of 2023.</p> <p>It was found that the Contractor, when performing works in the vicinity of trees, failed to protect their trunks from damage. The Contractor took steps to implement corrective actions to protect the tree trunks from damage.</p> <p>The shortcoming had no actual impact on the environment.</p>
19.	<p><i>Protection of areas below tree and shrub crowns</i></p> <p>Construction works should be carried out in a way that does not harm trees and shrubs that have not been intended for felling.</p> <p>The following are forbidden within 1 meter from the projection of tree or shrubs crown not intended for felling:</p> <ul style="list-style-type: none"> a) establishing service roads, yards, parking spots, and other elements that could affect soil compaction and change in aeration; b) vehicles, machinery and devices traffic, stopping, and parking; c) storage of earth masses (including humus) and building materials (in particular bulk materials). 	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was continued until the end period of execution of works.</p> <p>Problems occurred with the implementation of the measure in the period of the 2nd quarter of 2023.</p> <p>It was found that the Contractor, when performing works in the vicinity of trees, could damaged tree roots.</p> <p>The Contractor took steps to implement corrective actions and conducted works in a way that does not harm trees.</p> <p>The shortcoming had no actual impact on the environment.</p>
20.	<p><i>Preventive cuts of tree branches exposed to damage</i></p> <p>In the case of boughs and branches exposed to mechanical damage by working or moving vehicles, machinery and devices, preventive cuts of tree branches exposed to breakage should be performed.</p> <p>These cuts - performed under the supervision of an expert dendrologist (referred to in item 117) - cannot disturb the natural habit of the trees (they cannot cover more than 1/3 of the green mass of trees), maintaining stability and statics of trees (range of cuts must be uniform at each side of the crown).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was continued until the end period of execution of works.</p>
21.	<p><i>Maintaining the ground level in the direct vicinity of trees</i></p> <p>When performing earthworks in the immediate vicinity of trees, the works shall be done in a way not to change the ground level within a radius of at least 1.5-2.0 m from the trunk. Any difference in ground level created further away from the trunk to be secured with a local retaining wall or a reinforced slope with a larger downfall.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was continued until the end period of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
22.	<p>Works within tree and shrub root mass</p> <p>Works in the vicinity of root blocks of trees and shrubs should only be carried out manually, subject to the following conditions:</p> <p>a) skeletal roots (with a diameter of over 4 cm) should not be cut off;</p> <p>b) excavations should be carried out no closer than 2 m from the trunk;</p> <p>c) minimise the time of exposure of roots to drying (under the conditions referred to in item 23).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was continued until the end period of execution of works.</p>
23.	<p>Securing of exposed roots of trees and shrubs</p> <p>Exposed roots of trees and shrubs should be covered, for example with straw or jute mats.</p> <p>At positive temperatures, the mats should be strongly watered (to prevent roots drying), while at negative temperatures, the mats should be kept dry (to prevent root frost penetration).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was continued until the end period of execution of works.</p>
24.	<p>Securing of damaged trees and shrubs</p> <p>In case aboveground parts of trees and shrubs not intended for removal have been damaged, the necessary care measures should be carried out immediately, adequate to the place and type of damage.</p> <p>In case of root damage, the damaged ends should be trimmed off and the roots secured with a fungicide.</p> <p>The above-mentioned actions should be performed in agreement with a team of environmental experts (referred to in item 117), and after they are performed, an opinion of the above team as regards correctness of the actions should be presented to the Engineer for acceptance.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 and was continued until the end period of execution of works.</p>
25.	<p>One-time environmental inventory within the works area before works commencement</p> <p>Before the works begin, a one-time environmental inventory within the Task implementation area shall be carried out (at least within the boundaries of the area of total and partial tree felling, according to the design documentation, and in other areas possibly planned to be occupied for the purposes of construction implementation), executed by a team of environmental experts, referred to in item 117.</p> <p>The purpose of the inventory is to determine the current distribution of natural habitats and habitats and sites of protected species of flora and fauna, including ongoing revision of information on the subject as included in the Environmental Impact Report drawn up in 2014 (together with later updates).</p> <p>In the case of detecting natural habitats, habitats or sites of protected fauna and flora species within the Task implementation area the following actions</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p> <p>No need to implement the measure over the next quarters was determined.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>should be executed:</p> <p>a) in the case of environmental habitats – further actions should be agreed with a competent environmental team's expert (discussed under item 117), and the results of the findings should be submitted to the Engineer for approval;</p> <p>b) in case of habitats or sites of protected species - execute actions referred to in item 38.</p>	
26.	<p><i>Inspection of Task implementation area for the presence of otter and beaver shelters</i></p> <p>Before the commencement of works, the reconnaissance of the Task implementation area should be made in terms of the presence of otter and beaver shelters (including burrows) (discussed under item 117).</p> <p>If shelters (including burrows) of the above animal species are found in use during the Task period, the following should be done:</p> <p>a) mark and protect identified shelters of the above animal species in a manner agreed with the above-mentioned expert theriologist (results of agreements to be submitted to the Engineer for approval);</p> <p>b) the manner of conducting further works in the vicinity of the identified shelters of the above-mentioned animal species be agreed with the aforementioned expert theriologist (results of the agreement to be submitted to the Engineer for approval).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was executed in the 1st quarter of 2019 and was continued until the end period of execution of works.</p>
27.	<p><i>Marking the boundaries of the patches containing natural habitats</i></p> <p>Before the works begin, boundaries of patches containing natural habitats to be left intact (at the Task implementation area and within its near vicinity, according to the information contained in the Environmental Impact Report and results of the one-time environmental stock-taking referred to in item 25) should be set down and marked on site (in the manner visible to the works contractors). These activities should be carried out under the supervision of an expert phytosociologist referred to in item 117, in particular:</p> <p>a) 91E0* Willow-poplar-alder-ash forests (<i>Salicetum albo-fragilis</i>, <i>Populetum albae</i>, <i>Alnenion glutinoso-incanae</i>) and large bittercress,</p> <p>b) 9170 Central-European and subcontinental oak-hornbeam forests (<i>Galio-Carpinetum</i>, <i>Tilio-Carpinetum</i>)</p> <p>Within the above-mentioned patches of natural habitats, site facilities, service roads or yards cannot be located and materials cannot be stored there (see also item 6).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was executed in the 1st quarter of 2019 and was continued until the end period of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>Within the Task implementation period, these patches shall be effectively secured against destruction, damage, contamination, traffic of vehicles, machinery and devices, and free access of persons in connection with the works (e.g. by establishing marked fences).</p> <p>For the entire Task implementation period, the condition of the protective measures of the patches containing the habitats should be inspected on a regular basis (at least once a month) and possible damages should be removed. These inspections should be carried out with the participation of the above-mentioned expert phytosociologist.</p> <p>Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 122.</p>	
28.	<p>Replanting of specimens of 3 protected plant species listed in the decision of RDOŚ in Wrocław of 06/13/2016.</p> <p>Before starting work in the areas listed below:</p> <ul style="list-style-type: none"> ➤ in 300 m wide strips along the banks of the Lower Duna stream, from km 0+000 to km 3+400; ➤ in 300 m wide strips along the banks of the Upper Duna (Topolica) stream, from km 0+000 to km 1+400; <p>the following 3 specimens of protected plant species should be replanted in habitat-appropriate locations and out of reach of the works:</p> <p>a) Oxlip <i>Primula Topolice elatior</i> – up to 50% of the 200 specimens growing on 7 sites in the areas mentioned above, in areas exposed to damage as a result of the Task implementation;</p> <p>b) Spring Snowflake <i>Leucoium vernum</i> – up to 50% of the 200 specimens growing on 5 sites in the areas mentioned above, in areas exposed to damage as a result of the Task implementation;</p> <p>c) Wild Garlic <i>Allium ursinum</i> – up to 50% of the 1000 specimens growing on 6 sites in the areas mentioned above, in areas exposed to damage as a result of the Task implementation;</p> <p>The above-mentioned plant species shall be replanted no later than December 31, 2020.</p> <p>In the period not longer than 30 days from the Commencement Date, the Contractor shall submit for the approval of the Engineer a Quality Assurance Plan for replanting specimens of 3 protected plant species listed above, agreed with an expert phytosociologist (referred to in Item 117) and including, in particular, a planned timetable for the implementation of the above-mentioned activities and a list of the planned places for replanting the plants.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was executed in the 1st quarter of 2019.</p> <p>No need to implement the measure over the next quarters was determined.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>The replanting of the above-mentioned specimens of the 3 protected plant species should be carried out under the supervision of the above-mentioned expert phytosociologist.</p> <p>Information on the scope of implementation of the above-mentioned conditions should be submitted as per the conditions defined in item 123.</p> <p>[see also: item 113]</p>	
29.	<p><i>Environmental supervision inspections before and during demolition of building structures</i></p> <p>The following rules apply to the demolition of building structures:</p> <p>a) demolition of building structures shall be preceded by an inspection of these structures for the presence of protected bats, carried out by an expert chiropterologist (referred to in item 117), not longer than 1 week prior to removal of a given structure;</p> <p>b) in case of identifying the occurrence of protected species of bats in the structures planned to be demolished, the above-mentioned expert shall indicate acceptable time and methods for performing the demolition, ensure the protection of the identified bats;</p> <p>c) demolition of building structures shall be performed under direct supervision of the above-mentioned chiropterologist expert;</p> <p>d) in case individuals of protected species of bats are found in the structures subject to demolition, the above-mentioned expert shall determine the procedures to limit mortality rate of any found protected animal specimen;</p> <p>e) should any presence of protected bat species be confirmed in structures planned to be demolished and/or in structures subject of demolition, obtain a legally required administrative decision for derogation from prohibitions regarding protected animal species (if required in each case).</p>	<p>MEASURE NOT IMPLEMENTED</p> <p>No need to undertake the measures was determined during the execution of works.</p>
30.	<p><i>Limiting the Task implementation time</i></p> <p>The Contractor is obliged to organise the works in a way that would help reduce the Task implementation time to the minimum and limit the negative impact of works on the animals living within the Task implementation area and in its surrounding.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>
31.	<p><i>Securing the Task execution area against small animals entering the site</i></p> <p>Works should be performed in such a way as to avoid killing animals.</p> <p>The <i>Task implementation</i> area, in particular places where works are currently performed, all site facilities, storage yards etc., should be secured against access of small animals (amphibians, reptiles, small mammals), by fencing off these areas with a metal fence with eyes no larger than 0.5 x 0.5 cm and</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued for the entire period of execution of works.</p> <p>Problem occurred with the implementation of the measure in the period of the 4th quarter of 2019. A case of damage to the mesh</p>

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(1)	(2)	(3)
	<p>with a height of not less than 0.6 m above the ground surface. The fence should be buried in ground to the depth of not less than 30 cm. The mesh should be fitted with a so-called overhang, i.e. a bend (minimum 5 cm) of the material in the upper part outwards (i.e. towards the surrounding area), at an angle of 45-90°.</p> <p>Determining the precise location of the fencing securing the Task execution area against small animals entering the site and installation of the above-mentioned fencing should be carried out under the supervision of an expert herpetologist and an expert theriologist (referred to in item 117).</p> <p>For the entire Task implementation period, the condition of the above-mentioned fencing should be inspected on regular basis and any possible gaps should be immediately removed, including:</p> <p>(a) from March the 1st to August the 31st these inspections should be carried out at least once every 3 days;</p> <p>b) from September the 1st to the end of February – not less than once every 10 days.</p> <p>Fencing inspections should be carried out with the participation of the above-mentioned experts.</p>	<p>protecting the construction site from the encroachment of small animals was found. The Contractor took efforts to repair the damage as soon as possible.</p> <p>No significant negative impact of the shortcoming on the surrounding environment was identified.</p>
32.	<p><i>Inspection of places that could be traps for small animals</i></p> <p>Every day in the morning inspect excavations and other places that can be traps for animals: amphibians, reptiles, small mammals.</p> <p>In the periods from March the 1st to May the 15th and from September the 15th to October the 15th, a second inspection should also be carried out every day in the late afternoon.</p> <p>Trapped animals should be collected and released outside the Task implementation area, to the place appropriate for a given species.</p> <p>The last inspection for the presence of animals in the excavations should be carried out immediately before backfilling the excavations.</p> <p>Inspections should be carried out under the guidance and in accordance with the guidelines of an expert herpetologist and expert theriologist (referred to in item 117), who will also coordinate and indicate the places of release of caught animal species.</p> <p>All wells, excavations and other anthropogenic structures which may be a trap for amphibians and small mammals should be secured according to the guidelines and under the guidance of the above-mentioned expert herpetologist and expert theriologist.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued until the end of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
33.	<p><i>Ongoing liquidation of marginal water deposits in the Task implementation area</i></p> <p>During the Task performance, it is necessary to permanently eliminate marginal water deposits in places which may interfere with ongoing or scheduled works as well as in places where ongoing or scheduled traffic of vehicles, machines and equipment is to be run.</p> <p>This measure aims to prevent the settlement of protected amphibian species in the Task execution area during the performance of works. This measure should be conducted in consultation with an expert herpetologist (referred to in item 117) who will also supervise if it is implemented correctly.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued until the end of execution of works.</p>
34.	<p><i>Ensuring the possibility of safe migration of amphibians</i></p> <p>Works should be carried out in a manner that ensures the safe migration of amphibians, including the migration through the planned internal roads within the Task execution area.</p> <p>Detailed rules for meeting this condition should be agreed with an expert herpetologist (as referred to in item no. 117), who will also supervise if it is implemented correctly.</p> <p>The above-mentioned agreement with an expert herpetologist should be submitted to the Engineer for approval.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued until the end of execution of works.</p>
35.	<p><i>Catching and transfer of small animals from the Task implementation area</i></p> <p>If small animals (fish and lampreys, amphibians, reptiles, small non-flying mammals, bats) are reported to inhabit the Task execution area, in places where works may pose a threat to their life or health, they should be trapped and relocated from the Task execution area to the appropriate habitats, located outside the impact of the works.</p> <p>These actions should be performed under the supervision of a competent environmental expert (ichthyologist, herpetologist, theriologist and/or chiropterologist, as referred to in item 117).</p> <p>Information on the implementation of this measure in respect of works performed in the areas referred to in item 114 (insofar as it relates to the species referred to in items 114 p. 1 to 7 and 9) shall be provided in accordance with the conditions of item 123.</p> <p>[see also item 32, 38 and 114]</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 and was continued until the end of execution of works.</p>
36.	<p><i>Fighting alien invasive plant species</i></p> <p>When conducting the works, alien invasive plant species should be removed (at least twice a year, in the entire Task execution area), until they disappear and are replaced with local plants.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in</p>

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(1)	(2)	(3)
	Removal of alien invasive plant species should be done by pulling out the plants (along with the root ball), transporting and then disposing of them. The above actions should be carried out in accordance with detailed instructions specified by an expert phytosociologist (as referred to in item 117).	the 2nd quarter of 2019 and was continued until the end of execution of works.
37.	<p><i>Regular inspections of the team of environmental experts within the Task implementation period</i></p> <p>The works and other works performed during the Task implementation period should be carried out under current supervision of the team of environmental experts (referred to in item 117). These experts should, in particular, carry out regular inspections of the entire Task execution area (at least once a month) and continuously submit their comments and recommendations to the Contractor's staff responsible for carrying out works in accordance with the EMP conditions. Written memos should be drawn up from the inspections, attached to monthly reports on the implementation of the conditions of the EMP (referred to in item 121).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>
38.	<p><i>Obtaining a decision permitting derogations from the rules on the protection of species of plants, fungi and animals</i></p> <p>If, prior to the commencement or during the performance of construction works in the Task execution area, the presence of habitats or sites of protected species of flora and fauna is reported (other than the sites referred to in item 113 and 114), then:</p> <p>a) The Contractor shall obtain and submit to the Engineer for approval a written opinion of the team of environmental experts (referred to in item 117), including, inter alia, the specification of:</p> <ul style="list-style-type: none"> - the extent of the possible impact of the works on the identified natural resources, and - the necessity to obtain the decision referred to in point b), and then, if it proves necessary in the light of the above opinion, will perform the activities referred to in points b-d (below); <p>b) before taking any actions, which may lead to destruction of habitats and sites or frightening of individuals of protected species (according to the opinion referred to in point a), the Contractor is obliged to obtain administrative decisions required by law permitting derogations from the prohibitions applicable to protected plant, fungi and animal species;</p> <p>c) the Engineer should be notified of the decision obtained;</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 2nd quarter of 2021 and was continued until the end of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	d) the Contractor is obliged to precisely and timely implement the conditions contained in the above-mentioned decision. [see also item 25 and 26]	
39.	<p><i>Rules of cooperation with the fishing user of the watercourses in the Task implementation area.</i></p> <p>The Contractor is obliged to co-operate with the fishing user of the watercourses in the Task implementation area (Polish Angling Association, Wałbrzych District), in the following scope:</p> <p>a) The Contractor will inform the fishing user (Polish Angling Association, Wałbrzych Branch) 3 months in advance about the date of commencement of works in the watercourse beds;</p> <p>b) within the deadline indicated in point a (above), the Contractor will conduct a site inspection in the area of Task execution with the participation of a field representative of PZW Wałbrzych District, during which the planned scope of preparatory works and the planned scope of the main construction works connected with the execution of the Task will be presented;</p> <p>c) the ichthyologist expert supervising the works on behalf of the Contractor (see items 40 and 117) will cooperate with the ichthyologist employed at PZW Wałbrzych District, in particular with regard to the implementation of the measures listed in items 41-56 and 114 p. a;</p> <p>d) upon completion of the Task completion period, the Contractor shall submit to PZW Wałbrzych District all documentation prepared by the expert ichthyologist supervising the works on behalf of the Contractor (e.g. in the form of a report on completion of ichthyological supervision of the works, describing e.g. actions taken to limit the negative impact of the works on ichthyofauna).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>
40.	<p><i>Ichthyological supervision of works in watercourse beds</i></p> <p>All works in watercourse beds should be carried out under the supervision of an expert ichthyologist (referred to in item 117).</p> <p>The above expert's task is to indicate the proper way of carrying out the works and then to control the correctness of their execution, as well as to observe the behaviour of the ichthyofauna and ensure the implementation of adequate actions in situations threatening it.</p> <p>During periods of conducting works in watercourse beds, an expert ichthyologist should inspect the sites of such works on a regular basis (at least once every 3 days) and report their observations and recommendations on an ongoing basis to the</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	Contractor's staff responsible for carrying out the works in accordance with the conditions of the EMP. Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 122.	
41.	<p><i>Observations of fish behaviour during periods of work in watercourse beds</i></p> <p>During periods of conducting works in the watercourse beds, the behaviour of the ichthyofauna in the sections of the watercourses downstream of the conducted works (up to 500 m downstream of the works) should be observed on a regular basis. These observations should be carried out by an expert ichthyologist (as referred to in item 117) at a frequency of at least once every 3 days.</p> <p>The ichthyologist expert shall communicate the ongoing conclusions, observations and recommendations arising from the observations to the Contractor's staff responsible for carrying out the works in accordance with the conditions of the EMP. If threats to the fish population are identified, in particular the possibility of fish death, works in the watercourse shall be stopped immediately and the recommendations of the above-mentioned expert ichthyologist must be absolutely followed in order to eliminate the danger to the local ichthyofauna.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>
42.	<p><i>Permitted dates of works in watercourse beds</i></p> <p>Works in watercourse beds and on bank slopes of watercourses shall only be carried out between June the 1st and the end of February (an absolute prohibition of conducting such works in the period from March the 1st to May the 31st).</p> <p>The optimal time for performing such works is the period from June the 1st to August the 31st (between September the 1st and the end of February, the scope of the above works should be as limited as possible).</p> <p>The performance of such works in the period from September the 1st to the end of February requires a prior favourable opinion of the expert ichthyologist (referred to in item 117), allowing their execution in a given location and establishing specific conditions for executing such works. The expert ichthyologist's opinion shall be submitted to the Engineer for approval.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>
43.	<p><i>Maintaining water flow and migration conditions for aquatic organisms in watercourses in the Task implementation area</i></p> <p>For the entire Task implementation period, maintain the possibility of migration conditions for aquatic organisms in watercourse beds in the Task implementation area (the condition for maintaining water flow in watercourses).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p> <p>Problem occurred with the implementation of the measure in the period of the 4th quarter</p>

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(1)	(2)	(3)
	<p>The following rules shall be observed for this purpose:</p> <p>a) for the entire Task implementation period, a minimum acceptable flow shall be maintained in the Duna stream, at the rate of at least $Q=0.195 \text{ m}^3/\text{s}$;</p> <p>b) all works in the beds of watercourses shall be carried out on a one-sided basis, respecting the hydrological continuity of the watercourses, even at low water levels and maintaining appropriate depths for the existence of ichthyofauna (these depths are to be agreed with the expert ichthyologist referred to in item 117, and the results of the agreement are to be submitted to the Engineer for approval);</p> <p>c) if it is necessary to periodically restrict the flow of water in the channel in connection with the works conducted (subject to the condition in p. a) before the commencement of the works detailed conditions for performing the works should be agreed with the team of environmental experts referred to in Item 117 (including an expert ichthyologist), as not to interrupt the continuity of the migration corridors of aquatic organisms;</p> <p>d) the waters of watercourses shall be protected from pollution by temporarily separating them from the work site (e.g. with a fence made of local material or by routing the waters through a pipeline).</p>	<p>of 2019 and in the 3rd quarter of 2021. A case of restricted water flow in the Duna stream was found.</p> <p>The Contractor took efforts to restore water flow as soon as possible.</p> <p>No significant negative impact of the shortcoming on the surrounding environment was identified.</p>
44.	<p>Direction of conducting the works when regulating watercourse beds</p> <p>Construction and regulatory works in beds and on bank slopes of watercourses shall be carried out in stages in such a way that the front of the works moves with the watercourse current (i.e. starting from the highest sections).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>
45.	<p>Rules of works working with rip-rap</p> <p>The following rules shall be observed when reinforcing the bed or banks of existing watercourses with heavy stone rip-rap:</p> <p>a) stones from vehicles shall not be dumped directly into the riverbed;</p> <p>b) the stone delivered should be unloaded on the riverbank and then the individual blocks of stone should be carefully moved from the bank to the channel with an excavator;</p> <p>c) stone blocks placed on the slopes should be adjusted and profiled manually (stone blocks must not be dropped from trucks directly into the water).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2019 and was continued until the end of execution of works.</p>
46.	<p>Protection of watercourse beds from vehicle traffic</p> <p>The following prohibitions apply when working in the beds and on banks of watercourses:</p> <p>a) prohibition of vehicular traffic in watercourse beds;</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>b) prohibition on the movement of earth masses, gravel and stones by pushing the aforementioned materials in watercourse beds;</p> <p>c) prohibition to designate service roads in watercourse beds (equipment to be brought in from the bank).</p>	the 4th quarter of 2018 and was continued until the end of execution of works.
47.	<p><i>Prohibition to extract materials from the bottom of watercourse beds</i></p> <p>The extraction of stones, gravels or other materials constituting bottom material in the beds of watercourses (including the Duna, Upper Duna and Lower Duna streams) is prohibited.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>
48.	<p><i>Conditions for works on sections of watercourse beds intended to be preserved</i></p> <p>Along the sections where the old watercourse beds will be preserved, the following conditions shall be observed:</p> <p>a) the bottom of the watercourse should not be interfered with;</p> <p>b) the width of the watercourse bed should not be altered;</p> <p>c) the revetment should be limited solely to the construction of broken stone bands on the concave edges, laid on geotextile up to a maximum height of 2 m;</p> <p>d) all works to regulate existing sections of watercourses shall be carried out under the guidance and in line with the recommendations of an expert ichthyologist and expert theriologist (referred to in item 117).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 2nd quarter of 2022 and was continued until the end of execution of works.</p>
49.	<p><i>Prohibition to interfere with the beds and banks of watercourses not covered by works</i></p> <p>During the performance of the Task, it is not allowed to interfere with the beds and banks of the watercourses covered by works (e.g. the ban of traffic of vehicles, machines and equipment, the ban to contaminate, devastate, store materials, etc.).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>
50.	<p><i>Conditions for conduct of works and shaping new sections of watercourse channels</i></p> <p>The following conditions shall be observed when constructing new sections of watercourse channels:</p> <p>a) the bottom of the watercourse should not be reinforced (this condition does not apply to the 40 m section of the channel before the drains);</p> <p>b) all works related to the construction of a new section of a watercourse shall be carried out under the guidance and in line with the recommendations of an expert ichthyologist and expert theriologist (referred to in item 117).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2020 and was continued until the end of execution of works.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
51.	<p><i>Construction of the reservoir's sluice facilities and construction of new sections of the watercourse channels using "dry" technology</i></p> <p>The construction of the reservoir's sluice facilities and the construction of new sections of the watercourse channels should be carried out using "dry" technology (e.g. under the cover of a cofferdam).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2019 and was continued until the end of execution of works.</p>
52.	<p><i>Rules for the removal of old sections of the Upper Duna, Lower Duna and Duna stream channels</i></p> <p>After finishing the construction of the new sections of the Lower Duna, Upper Duna and Duna stream channels (including the section running through the sluice facilities in the dam body), carried out using "dry" technology (see item 51), the old channel sections are to be backfilled, in each case using solutions that allow living organisms to get out in advance safely.</p> <p>The following needs to be done for this purpose:</p> <ul style="list-style-type: none"> a) divert water from the old section of the channel (to be removed) to the newly constructed target bed; b) build a cofferdam to close off the upstream section of the old channel to be removed; c) wait until the water has drained from the section of the channel to be removed (measures should be taken to facilitate this, e.g. making additional ditches to allow the water to flow down the channel with aquatic organisms); d) in the event that stagnant water with trapped aquatic animals remains in the old channel after most of the water has drained away, these animals should, under the supervision of an ichthyologist expert referred to in item 117 - be trapped and relocated to sites suitable for habitat; e) the necessary permits under the provisions of the Nature Conservation Act and the Inland Fisheries Act shall be obtained before carrying out the activities referred to in (b-d) (above); f) build a cofferdam downstream of the section of the channel to be removed; g) backfill the section of the channel to be removed. <p>All the works related to the removal of old sections of stream channels shall be conducted out under the guidance and in accordance with the indications of the above-mentioned expert ichthyologist.</p> <p>The measures described in this item of the EMP shall be carried out in accordance with the dates defined in items 42 and 56.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 3rd quarter of 2021.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
53.	<p>Sills in the sluice channel bottom</p> <p>A series of permanent sills, 0.3 m high, positioned perpendicular to the current and provided with a 0.3 m wide slot, should be constructed in the bottom of the sluice channel.</p> <p>Gaps in sluice gates should be located opposite.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 1st quarter of 2021.</p>
54.	<p>Conditions concerning the outlet from the sluice facilities and the outlet of the stilling basin</p> <p>The outlet from the sluice facilities should be terminated directly (infinitely) into the stilling basin. Locate the outlet of the stilling basin at a level equal to or as close as possible to the level of the Duna stream bed.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 3rd quarter of 2021.</p>
55.	<p>Truss gaps at the inlet to the sluice facilities</p> <p>Truss gaps for supply of water to the sluice facilities from the headwater side should be not smaller than 0.5 m.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 2nd quarter of 2023.</p>
56.	<p>Acceptable dates for passing the water flow through the adit in the reservoir dam</p> <p>The first passage of construction water through the constructed adit in the reservoir dam and through the new section of the Duna stream bed below the dam (in order to channel it to the existing stream section below the dam) should be carried out between June the 1st and the end of February (optimally: between June the 1st and August the 31st).</p> <p>[see also: item 52]</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 3rd quarter of 2021.</p>
57.	<p>Conditions for the formation of the rubble trap</p> <p>The water trap should be constructed in such a way that the bank line is varied and the embankments on the downstream side (except for the part adjacent to the stream bed), have a gentle slope of 1:5, allowing wide shallows of several metres to form in the bank zone and be occupied by plant species.</p> <p>The above actions should be carried out under supervision of and in accordance with instructions of an expert phytosociologist referred to in item 117.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. The measure was implemented from the 2nd to 3rd quarter of 2022.</p>
58.	<p>Restoration of topsoil layer and green areas and tidying up the site after completion of works</p> <p>The following shall be performed after finishing the works:</p> <p>1) construction site facilities, service roads and yards should be dismantled, whilst road slabs and sand collected from ballast should be transported outside the Task implementation area to the place specified beforehand (accepted by the Engineer);</p> <p>2) backfill the area from which the soil masses were extracted (within the boundaries of the Task implementation area, except for the rubble trap and other areas provided to be left in the design documentation [see also item 10]);</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 3rd quarter of 2022 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>3) in the areas acquired in connection with the implementation of the Task (within the boundaries of the Task implementation area), appropriate agrotechnical measures should be taken (soil loosening, fertilization, etc.), in order to prepare the restoration of the fertile soil layer;</p> <p>4) in the areas acquired in connection with Task implementation (within the boundaries of the Task implementation area), the fertile soil layer should be restored (including the use of the topsoil collected from the area of works in accordance with condition given under item 11);</p> <p>5) treatments facilitating the restoration of green areas should be performed (including seeding and planting trees [in accordance with the design documentation], using only native plant species, compatible with local habitat conditions);</p> <p>6) proper care of the recreated green areas should be ensured (until the end of the Defects Notification Period);</p> <p>7) tidy up the Task implementation area.</p> <p>The measures described in items 3, 4, 5 and 6 (above) should be performed under the supervision of expert botanist-phytosociologist and expert dendrologist (referred to in item 117), including in particular:</p> <ul style="list-style-type: none"> a) agreement of the exact dates of works; b) agreement of the composition and quantitative proportions of seed mixtures planned for sowing; c) agreement of the composition and quantitative proportions of tree and shrub species planned for planting; d) agreement of conditions for preparation of soil and seedlings; e) agreement of the principles of caring for the recreated green areas; f) submission of the results of the above-mentioned arrangements for the approval of the Engineer; g) supervision over the implementation of activities supporting the recreation of green areas and supervision over the care of these areas (until the end of the Defects Notification Period). <p>Activities related to the recreation of the topsoil layer and the restoration of green areas referred to in this item of the EMP should be commenced as soon as their implementation is possible.</p> <p>Before starting to perform the conditions defined in this item of EMP, a Quality Assurance Plan for the above-mentioned works will be presented for the Engineer's approval.</p>	

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
59.	<i>Permitted time for holding water in the reservoir</i> Water should be held in the reservoir for no more than five days (120 hours) and up to 14 days (336 hours) in emergency situations.	IMPLEMENTED AND COMPLETED. No problems were identified with the implementation of the measure. The measure was implemented in the 4th quarter of 2023.
60.	<i>Ensuring intact flow downstream the reservoir dam</i> For the entire period of reservoir operation, an intact flow downstream the reservoir dam shall be maintained at the rate of at least $Q=0.195 \text{ m}^3/\text{s}$.	IMPLEMENTED AND COMPLETED. Implementation of the measure was started in the 2nd quarter of 2023 until the end of the Defects Notification Period.
61.	<i>Prohibition to use the rubble trap for angling purposes</i> The use of the rubble trap for angling purposes should not be allowed.	IMPLEMENTED AND COMPLETED. Implementation of the measure was started in the 2nd quarter of 2023 until the end of the Defects Notification Period.
62.	<i>Rock rubble removal from the rubble trap</i> Rock rubble should be removed from the rubble trap at least once every 5 years.	IMPLEMENTED AND COMPLETED. The measure related to the operational period, i.e. from 2nd quarter of 2023 until the end of the Defects Notification Period.
63.	<i>Ichthyological supervision during maintenance works in the rubble trap</i> Maintenance works in the rubble trap are to be carried out under the supervision of an expert ichthyologist (during the Task implementation, this will be the expert ichthyologist referred to in item 117; after the end of the Task implementation period, an expert ichthyologist selected by the Employer). Information concerning the implementation of this measure shall be provided in accordance with the conditions defined in item 122.	IMPLEMENTED AND COMPLETED. The measure related to the operational period, i.e. from 2nd quarter of 2023 until the end of the Defects Notification Period.
64.	<i>Permitted period for of conducting maintenance works in the reservoir bowl</i> Maintenance works in the reservoir bowl should only be carried out between May the 16th and March the 31st (i.e. outside the period from April the 1st to May the 15th). This condition does not apply to the performance of necessary emergency repairs and does not apply to the maintenance of the dam body or sluice facilities.	IMPLEMENTED AND COMPLETED. The measure related to the operational period, i.e. from 2nd quarter of 2023 until the end of the Defects Notification Period.
65.	<i>Cleaning of sluice facilities</i> Sluice facilities (especially flow differential thresholds and gaps for fish migration in these thresholds) should be cleaned regularly, at least once every six months.	IMPLEMENTED AND COMPLETED. Implementation of the measure was started in the 2nd quarter of 2023 until the end of the Defects Notification Period.
66.	<i>Removal of outwashes at the upstream and downstream station of the reservoir</i> Remove mechanically the outwashes at the outlet of the stilling basin from the tailwater side and at the inlet to sluice facilities from the headwater side.	IMPLEMENTED AND COMPLETED. Implementation of the measure was started in the 2nd quarter of 2023 until the end of the Defects Notification Period.

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
67.	<p>Conditions for final lighting of the reservoir area Lighting of the constructed reservoir should be limited to only: a) the crest and body of the dam; b) manoeuvring yard at the inlet to the bottom outlet; c) car park at the operating backyard building; d) road on the dam crest; e) road connecting the dam to the operating backyard building. Luminaires with reflectors that limit the spread of light beyond the areas to be illuminated should be used for lighting.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 2nd quarter of 2023.</p>
68.	<p>Development of areas within the reservoir bowl The areas located within the area of the dry reservoir, to which the Employer has legal title, use as pastures or hay meadows. Mowing should be done at least once every 2 years (and optimally annually) between September the 1 and the 30, leaving each time in a different place 5-10% of the area of meadows unmowed and removing the biomass.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 3rd quarter of 2024.</p>
69.	<p>Use of building materials that comply with regulations and standards and are not harmful to the environment Only building materials not harmful for the environment (natural, environment friendly or neutral) shall be used for the implementation of the Task. Used materials, raw materials, fuels, fertilizers, cement and concrete mixes shall have relevant attestations and be allowed for use. Earth structures should be made of natural materials, without the use of hazardous materials or harmful to health.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
70.	<p>Technical efficiency and inspections of vehicles, machines and equipment In order to prevent contamination of soil and water, only technically efficient vehicles, machines and equipment should be used to carry out works. The Contractor should carry out ongoing inspections of the efficiency of vehicles, machines and equipment and eliminate with any resources available any permeating of contamination to soil and water, including in particular spilling of fuel, hydraulic diesel and petroleum substances, both during operating, refuelling, transport, as well as the work of vehicles, machines and equipment.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
71.	<p>Conditions for the location of the sites for collection and production of building materials Building materials, in particular bulk materials, should be collected only on hardened surfaces within the construction site facilities. These materials</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	cannot be collected at a distance of less than 100 m from existing watercourses. Analogous conditions apply to the places of production of building materials (cement mixes, prefabricates, aggregates, etc.).	the 1st quarter of 2019 until the end of works implementation.
72.	<p>Rules for transport of earth masses for construction of the reservoir dam</p> <p>Earth masses for construction of the reservoir dam should be directed directly to the target dam section and built into the dam body immediately after unloading.</p> <p>If it is not possible to implement this condition, the location of the sites for the temporary storage of earth masses shall be agreed in each case with the environmental supervision experts (referred to in item 117), in order to exclude any negative impact on the environmental resources planned to be left in the construction project.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
73.	<p>Reducing the time and number of drainage and prohibition to dispose of water from excavations directly to watercourses</p> <p>The time for carrying out drainage should be reduced to the minimum and such methods should be applied to reduce the amount of pumped water and ensure its protection against contamination.</p> <p>The water pumped out from the excavations cannot be directly disposed to watercourses due to high content of suspension.</p> <p>Before disposing to watercourses, the water should be purified of suspension, through the use of, e.g. sedimentation tanks.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
74.	<p>Conditions for movement of vehicles, machines and equipment in the Task execution area</p> <p>Movement of vehicles, machines and equipment should be conducted only:</p> <ul style="list-style-type: none"> a) within the area of construction site facilities; b) on existing roads; c) on service roads and yards; d) on internal roads (after they have been built). <p>[see also: item 76]</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p> <p>Problem occurred with the implementation of the measure in the period of the 2nd quarter of 2019. A vehicle was found to be moving in an area not prepared for this. The Contractor implemented corrective actions.</p> <p>No significant negative impact of the shortcoming on the surrounding environment was identified.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
75.	<p>Parking place for machines and vehicles after finishing work</p> <p>Machines and vehicles should be parked, every day after finishing the work, in places intended for parking in the construction site facilities' area.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 until the end of works implementation.</p> <p>Irregularities were identified in the implementation of the measure in the 3rd quarter of 2019.</p> <p>The shortcoming had no actual impact on the environment.</p>
76.	<p>Sealing of the ground intended for movement of vehicles, machines and equipment at the construction site facilities</p> <p>The construction site facilities' area intended for movement of vehicles, machines and equipment shall be sealed from the ground.</p> <p>[see also item 74]</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 until the end of works implementation.</p>
77.	<p>Designation and sealing of places of garaging and maintenance of vehicles, machines and equipment</p> <p>Places intended for maintenance of vehicles, machines and equipment (including garaging, refuelling and technical service yards, etc.) should be designated and properly marked on the site facilities.</p> <p>The above-mentioned places intended for maintenance of vehicles, machines and equipment should be periodically (until completion of the construction) lined with impermeable insulating materials, protecting the subsoil against penetration of solid or liquid contaminants.</p> <p>At establishing locations for the aforementioned sites, one shall consider e.g. a safe distance from reservoirs of flowing water and of stagnant water.</p> <p>A detailed location of the aforementioned sites shall be agreed in advance with the team of environmental experts referred to in item 117 (including an expert phytosociologist).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 until the end of works implementation.</p>
78.	<p>Ensuring the outflow of water from parking lots and roads to sewage systems</p> <p>Parking yards for equipment and access roads should be made with a slope ensuring outflow of rainwater and snowmelt and wastewater to sewage systems in a way that prevents any contamination from entering the ground or surface water.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 until the end of works implementation.</p>
79.	<p>Prohibition to exceed the suspended solids concentration limit in Duna stream</p> <p>Construction works and all other works related to the Task implementation shall be performed in such a way that the suspended solids concentration limit in the Duna stream (40 mg/l) is not exceeded at the suspended solids concentration monitoring points described in item 124 in appendix 2 of the EMP.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2019 until the end of works implementation.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
80.	<p><i>A stand with a sorbent near the service and parking lots for vehicles, machines and equipment</i></p> <p>In the vicinity of the places intended for servicing vehicles, machines and equipment (including garaging, refuelling and technical service yards, etc.) there should a stand with sorbent serving to eliminate diesel leaks and outflows of petroleum derivatives.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 2nd quarter of 2019 until the end of works implementation.</p>
81.	<p><i>Guidelines for refuelling vehicles, machines and equipment</i></p> <p>Refuelling should be carried out using mobile or stationary fuel distribution points, with appropriate safeguards, such as a stand with sorbent used for removal of leaks and outflows of petroleum derivatives.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 2nd quarter of 2019 until the end of works implementation.</p>
82.	<p><i>Guidelines for washing and cleaning vehicles, machines and equipment</i></p> <p>Maintenance of vehicles, machines and equipment used in the Task execution area (including, in particular, cleaning the equipment used for concreting works) are allowed only in designated places on the site facilities, adequately secured against the possibility of contamination of the ground and waters and equipped in such way as to enable the immediate removal of any contamination.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 2nd quarter of 2019 until the end of works implementation.</p>
83.	<p><i>Prevention of leaks from vehicles, machines and equipment</i></p> <p>For the entire period of Task implementation, the technical condition of working vehicles, machines and equipment should be monitored on an ongoing basis in order to eliminate leakage of petroleum hydrocarbons to the ground and water.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
84.	<p><i>Proceedings in the case of emission of petroleum derivatives</i></p> <p>In the event of any events associated with emission of petroleum derivatives into the environment (including subbase and water), one shall:</p> <ul style="list-style-type: none"> a) take immediate actions to prevent the spread of contamination, by means of available resources (e.g. sorbents); b) immediately remove contaminated layers of soil, according to the currently binding regulations; c) in case of major failures, use the procedures described in item 105. 	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
85.	<p><i>Reducing the time of works to daytime</i></p> <p>Works should be planned to last as short a time as possible and should only be carried out during daylight hours (between 06:00 am and 10.00 pm).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p> <p>Problem occurred with the implementation of the measure in the 3rd quarter of 2021. There</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
		was a notification from local residents that the Contractor is carrying out works after 10.00 pm. The Contractor explained the reason for working late into the evening. No significant negative impact of the shortcoming on the surrounding environment was identified.
86.	<p>Reducing noise of vehicles, machines and equipment</p> <p>During the Task implementation period only technically efficient vehicles, machines and equipment should be used, with noise emission (acoustic power) compliant with the binding regulations.</p> <p>In case any inefficient vehicles, machines and equipment are found which can generate a higher noise level in their neighbourhood, they should be eliminated from work.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p> <p>Problem occurred with the implementation of the measure in the 3rd quarter of 2021. There was a notification from local residents that the Contractor is carrying out works after 10.00 pm. The Contractor explained the reason for working late into the evening. No significant negative impact of the shortcoming on the surrounding environment was identified.</p>
87.	<p>Reducing noise of pump sets</p> <p>In the case of carrying out works in the acoustically protected areas or in their vicinity, in order to reduce their inconvenience to residents, only such pump sets should be used which are equipped with soundproof housing which ensures the reduction of the noise levels to be compliant with the applicable regulations and standards.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p> <p>Problem occurred with the implementation of the measure in the 3rd quarter of 2021. There was a notification from local residents that the Contractor is carrying out works after 10.00 pm. The Contractor explained the reason for working late into the evening. No significant negative impact of the shortcoming on the surrounding environment was identified.</p>
88.	<p>Limiting the power consumption of vehicles, machines and equipment</p> <p>Vehicles, machines and equipment should be used with low power consumption and switch off power/engines during the break in operation. Operating time of vehicles, machines and equipment should be reduced to the necessary minimum.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
89.	<p>Limiting air pollution with exhaust fumes</p> <p>In order to reduce the negative impact on the condition of the air:</p> <p>a) only technically efficient vehicles, machines and equipment should be used, with the required approvals to reduce the emission of gaseous and particulate substances into the air;</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>b) a place should be provided for free manoeuvres of vehicles, such as yards;</p> <p>c) it is necessary to limit the movement of vehicles, machines and devices to the necessary minimum;</p> <p>d) vehicles should be parked with the engine turned off.</p>	
90.	<p>Dust control from construction site and roads</p> <p>When carrying out construction works, the effects of secondary dusting should be limited by maintaining a high work culture, in particular by:</p> <p>a) regular cleaning the construction site;</p> <p>b) spraying dusty road surfaces;</p> <p>c) use of sealed tarpaulins on cars transporting materials that may cause dust during transport;</p> <p>d) cleaning the wheels of vehicles before they go to access roads to the Task implementation area</p> <p>e) removing dirt using mechanical devices (special vehicles).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p> <p>Problem occurred with the implementation of the measure in the period of the 2nd quarter of 2019, the event was of incidental nature. Excessive dust was found on the roads used by vehicles from the Construction Site. The Contractor implemented corrective actions. No significant negative impact of the shortcoming on the surrounding environment was identified.</p>
91.	<p>Keeping the roads clean</p> <p>The following measures should be taken to keep roads clean, among others:</p> <p>a) the Contractor shall use all available technical means and organisation of works in order to maximally reduce pollution of access roads to the Task implementation area.</p> <p>b) in places of departure of heavy equipment from the construction site, the Contractor will install stands where initial removal of soil or mud from vehicle wheels will take place.</p> <p>c) the Contractor is obliged to immediately and systematically remove any dirt generated on the roads as a result of the movement of vehicles, machines and equipment connected with the Task.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
92.	<p>Prohibition to burn fires and burn materials, wastes, litter, etc.</p> <p>It is prohibited to burn fires and burn materials, wastes and litter, etc. in the Task execution area.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
93.	<p>Preparation of Waste Management Plan (WMP)</p> <p>Prior to the commencement of works, the Contractor will prepare and submit for the Engineer's approval a Waste Management Plan, specifying the way of handling waste expected to be generated when conducting the works and taking into account, in particular, conditions for waste management included in the EMP.</p> <p>[see also item 8]</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. The measure was implemented in the 2nd quarter of 2018.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
94.	<p>Waste management principles</p> <p>Waste generated during the Task implementation shall be:</p> <p>a) segregated and stored selectively in sealed containers or in separate and adapted places, in conditions preventing dusting and dispersing of light fractions and their negative impact on the environment;</p> <p>b) ensure gradual waste reception by entities authorised to handle it;</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p> <p>Problem occurred with the implementation of the measure in the period of the 2nd quarter of 2019, the event was of incidental nature. Overfilled places of wastes collection were found. The Contractor implemented corrective actions.</p> <p>No significant negative impact of the shortcoming on the surrounding environment was identified.</p>
95.	<p>Rules for handling hazardous waste</p> <p>Hazardous waste should be segregated and stored separately in special sealed containers placed in the hardened and marked area secured against access by third parties, until it is handed over to entities authorised to handle it.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 until the end of works implementation.</p>
96.	<p>Principles of handling social and domestic sewage</p> <p>Social and domestic sewage should be collected on the site facilities, in sealed holding tanks, content of which will be handed over to entities authorised to handle it.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
97.	<p>Preventing illegal dumping of litter and waste</p> <p>Prior to the commencement of works the Contractor will investigate the Task implementation area for the presence of possible illegal landfills of litter and waste. During the implementation of the Task, the Contractor secures the area of the Task against any occurrence of such dumps.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
98.	<p>Development of documents related to safety in the Task execution area</p> <p>In the Task execution area, it is necessary to maintain order and ensure proper organisation of works.</p> <p>Prior to the commencement of works, the Contractor will develop and then obtain the Engineer's approval for the following documents related to safety on the construction site:</p> <p>a) Health and Safety Plan (HASP);</p> <p>b) Construction Site Organisation Plan;</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>
99.	<p>Sapper reconnaissance and supervision in the Task implementation area</p> <p>In order to minimise the risk associated with the possibility of hazardous items of military origin occurring in the Task implementation area, the Contractor shall provide:</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>a) prior to the start of works – reconnaissance at the Task implementation area to verify the presence of unexploded shells and misfires (a report with results of the above-mentioned sapper reconnaissance should be submitted to the Engineer for acceptance);</p> <p>b) during the works – sapper supervision of works (carried out by the team of sappers discussed under item 119), consisting in the ongoing checking and clearing of the Task implementation area of dangerous objects of military origin along with their treatment;</p> <p>c) if hazardous military objects are found on the Task implementation area – apply the procedures described in item 106.</p>	
100.	<p><i>Documentation and monitoring of the technical condition of buildings exposed to tremor and vibrations</i></p> <p>Before starting works during which tremors and vibrations threatening the local residents and nearby buildings and infrastructure facilities may occur, the Contractor will take an inventory of existing buildings and facilities, with particular reference to cracks and damages.</p> <p>During the performance of the above-mentioned works, the Contractor will monitor the condition of these buildings and facilities on a regular basis.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>
101.	<p><i>Implementation of guidelines on work safety requirements</i></p> <p>The Contractor will ensure the implementation of detailed guidelines on work safety requirements, including in terms of:</p> <p>a) development of the construction site, including hazardous areas;</p> <p>b) storage and transport;</p> <p>c) electrical installations and devices;</p> <p>d) machines and technical equipment;</p> <p>e) work at heights;</p> <p>f) earthworks;</p> <p>g) selected renovation and demolition works, contained in applicable legal regulations and as outlined in the National Labour Inspectorate study annexed to the Contract Bidding Documents (Part 2, Section VII – Works Requirements).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>
102.	<p><i>Ensuring the hygienic conditions</i></p> <p>In the Task implementation area, it is necessary to ensure the necessary number of portable toilets and ensure their use by employees, as well as ensure the training of all employees in maintaining appropriate hygiene conditions within the construction site and its immediate neighbourhood.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
103.	<p>Guidelines on HIV – AIDS prevention</p> <p>The Contractor shall, via an approved service provider, implement a program to raise awareness of HIV-AIDS type diseases (including appropriate training) and will take all other measures to reduce the risk of HIV spreading among the Contractor's personnel and the local community. These activities should be performed in accordance with the detailed guidelines defined in the Contract Bidding Documents (Part 3, Section VIII – General Conditions, Clause 6.7).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>
104.	<p>Rules of procedure in connection with the flood risk</p> <p>In connection with the flood risk, the Contractor will prepare and submit to the Engineer's approval a document entitled: <i>Flood protection plan for the construction site</i>, taking into account local hydrological and meteorological conditions in the vicinity of the construction site. In case of flood, the Contractor will act in accordance with the procedures described in the above-mentioned document.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>
105.	<p>Guidelines on notifying of emergency</p> <p>In case of an emergency situation (other than flooding), accident, major breakdown, etc., the Contractor is obliged to take the following actions:</p> <ul style="list-style-type: none"> a) Immediately notify relevant services (Fire Brigade, Ambulance Service, Police, etc.); b) until the arrival of the relevant services, take the necessary actions to reduce the risk of loss of personnel, property and environment (as agreed with the relevant services, if possible); c) notify the Engineer and the Employer; d) after the arrival of the relevant services, act strictly according to their guidelines and instructions. <p>[see also condition in item 84]</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>
106.	<p>Guidelines for handling unexploded shells</p> <p>In case of finding unexploded shells:</p> <ul style="list-style-type: none"> a) immediately stop the works; b) evacuate the area around the find; c) immediately notify the sapper supervision [see items 99 and 119] and the Police, and then act according to their instructions; d) notify the Engineer and Employer. <p>For the discovered unexploded shells, it is absolutely prohibited to raise them, excavate them, bury them, transfer them or throw them to the fire or water, etc.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>
107.	<p>Obtaining the opinion of the monuments conservator</p> <p>Prior to commencing the works, the Contractor will obtain an opinion of the appropriate monuments conservator on the conditions for the execution of the planned works, in connection with the applicable</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	rules for the protection of historic buildings and archaeological sites. The Contractor will be obliged to comply with the findings of this opinion.	in the 4th quarter of 2018 until the end of works implementation.
108.	Ensuring the archaeological supervision Earthworks should be carried out under ongoing archaeological supervision. For this purpose, the Contractor shall: a) prepare a relevant action plan in this regard; as part of the Quality Assurance Programme; b) ensure the participation of a team of archaeologists (referred to in item 118) who conduct ongoing supervision of earthworks; c) if necessary, obtain the permission required by law to conduct archaeological investigations from the Lower Silesian Provincial Conservator of Monuments.	IMPLEMENTED AND COMPLETED. No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.
109.	Rules of conduct in case of discovery of movable monuments or archaeological sites If an object is uncovered when conducting the works which may be or certainly is a historic monument or has a historical value, the Contractor is obliged to: a) immediately stop any work that may damage or destroy uncovered objects; b) secure (by means of available sources) uncovered objects and the place where they were found against being destroyed, damaged or stolen; c) immediately notify the team of expert archaeologists (as referred to in Items 108 and 118) and the Engineer; d) take further security measures, agreed with the team of archaeologists and the Engineer; e) facilitate and ensure carrying out documentary activities, archaeological investigations and other necessary activities indicated by a team of expert archaeologists and/or administrative authorities responsible for preserving the historic substance; f) after completing the activities and research listed in items d) and e) uncovered mobile monuments should be relocated to appropriate institutions indicated by a team of expert archaeologists and/or administrative authorities responsible for protecting the historic substance (in accordance with the applicable regulations and the content of the Permit referred to in item 108, point c). g) in the case of immobile monuments, after completing the activities and research listed in items d) and e), the guidelines should be implemented regarding further treatment of the uncovered historic substance, established by a team of expert archaeologists and/or administrative authorities responsible for protecting the historic substance (in accordance with applicable regulations	IMPLEMENTED AND COMPLETED. No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	and the content of the Permit referred to in item 108, point c).	
110.	<p><i>Planting of tree stands of natural habitats *91E0 i 9170</i></p> <p>In order to restore the resources of natural habitats *91E0 Willow-poplar-alder-ash forests and 9170 Central-European and subcontinental oak-hornbeam forests, native woody and shrubby vegetation must be planted before the completion of the main construction works, on the total area of at least 7 hectares.</p> <p>These plantings should be made in places appropriate for the development of this type of habitats, indicated by phytosociologist and dendrologist experts (referred to in item 117).</p> <p>Only native tree and shrub species, typical of *91E0 and 9170 habitats, should be used for planting.</p> <p>Detailed species composition and quantitative proportions of individual species in planned plantings should be agreed with the above-mentioned phytosociologist and dendrologist expert.</p> <p>The planted crops should be cared for (e.g. annual mowing of grasses in the crops, fencing of the crop area, application of repellents or restoration) for at least 10 years.</p> <p>During the Task implementation period, the above-mentioned activities (i.e. planting and care) should be carried out under the supervision of the above-mentioned phytosociologist and dendrologist experts, including, among others:</p> <ul style="list-style-type: none"> a) agreement of the exact dates of works; b) agreeing on a detailed planting location; c) agreement of the composition and quantitative proportions of tree and shrub species planned for planting; d) agreement of conditions for preparation of soil and seedlings; e) agreeing on the care of the plantings performed; f) submission of the results of the above-mentioned arrangements for the approval of the Engineer; g) supervision over the execution of plantings and supervision over the care of the executed plantings (until the end of the Defects Notification Period). <p>The arrangements referred to in points a-e shall take into account the requirements specified in the design documentation for the relevant scope.</p> <p>The actions related to the execution of plantings referred to in this item of EMP shall be started as soon as possible to enable their timely implementation (plantings must be done before the completion of the main construction works).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2023 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	Before starting to perform the conditions defined in this item of EMP, a <i>Quality Assurance Plan</i> for the above-mentioned works will be presented for the Engineer's approval.	
111.	<p>Installation of nesting boxes for Grey Wagtail</p> <p>In the upper part of the Duna stream (outside the area of clearing trees and shrubs), hang at least 2 nesting boxes for Grey Wagtail <i>Motacilla cinerea</i>. The design of the boxes and the detailed locations of the sites for hanging the boxes are to be agreed with the expert ornithologist (referred to in item 117) and the results of the agreements are to be submitted to the Engineer for approval.</p> <p>The boxes should be hung in agreement with and under the supervision of the ornithologist expert. During the period of Task execution, the Contractor shall ensure the annual cleaning and necessary maintenance of the boxes (including their replacement in case of wear and tear), carried out with the participation, under the supervision and according to the indications of the aforementioned expert ornithologist.</p> <p>After the end of the Task implementation period (i.e. in the period of use) the Employer shall ensure the annual cleaning and necessary maintenance of the boxes (including their replacement in case of wear and tear), carried out with the participation, under the supervision and according to the indications of the aforementioned expert ornithologist.</p> <p>The actions related to the hanging of nesting boxes for Grey Wagtail referred to in this item of EMP shall be started as soon as possible to enable their timely implementation. Before starting to perform the conditions defined in this item of EMP, a <i>Quality Assurance Plan</i> for the above-mentioned works will be presented for the Engineer's approval.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 3rd quarter of 2018 until the end of the Defects Notification Period.</p>
112.	<p>Installation of boxes for bats</p> <p>After completion of the main construction works, 50 nesting boxes for bats should be hung in an area within 1 km of the reservoir boundaries (at locations indicated by the chiropterologist expert [referred to in item 117] and agreed with the locally responsible forestry officer).</p> <p>These boxes should be posted in early spring, in groups of 6 - 8 pieces. A detailed location of the boxes and the box model should consider the requirements of the individual bat species and must be agreed with the aforementioned expert chiropterologist.</p> <p>The results of the above-mentioned agreements with an expert chiropterologist and the forestry officer are to be submitted to the Engineer for approval.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2022 until the end of the Defects Notification Period.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>The boxes should be hung in agreement with and under the direct supervision of the chiropterologist expert.</p> <p>During the period of Task execution, the Contractor shall ensure the annual cleaning and necessary maintenance of the boxes (including their replacement in case of wear and tear), carried out with the participation, under the supervision and according to the indications of the aforementioned expert chiropterologist.</p> <p>Limit the maintenance of the boxes to repairing them (by improving their tightness and filling in missing parts) and cleaning the boxes of droppings. No chemicals may be used to maintain the boxes. If the box is seriously damaged or destroyed, replace it with a new one.</p> <p>After the end of the Task implementation period (i.e. in the period of use) the Employer shall ensure the annual cleaning and necessary maintenance of the boxes (including their replacement in case of wear and tear), carried out with the participation, under the supervision and according to the indications of the aforementioned expert chiropterologist.</p> <p>Before starting to perform the conditions defined in this item of EMP, a <i>Quality Assurance Plan</i> for the above-mentioned works will be presented for the Engineer's approval.</p>	
113.	<p>Implementation of the decision of RDOŚ permitting derogations from prohibitions on the protection of species of plants</p> <p>In relation to the implementation of the Task, in the decision of RDOŚ in Wrocław of 06/13/2016 for the dry flood protection reservoir Krosnowice on the Duna stream (ref.: WPN.6400.22.2016.MR - appendix no. 4b to this EMP) the following permits were granted in relation to individuals and habitats of protected plant species occurring within the Task implementation area:</p> <ul style="list-style-type: none"> • destruction of individuals and habitats of the 6 protected plant species (liverworts, mosses and vascular plants) listed in the aforementioned decision, located in 300 m wide strips along the banks of the streams, is permitted: Lower Duna [at km 0+000-3+400] and Upper Duna [at km 0+000-1+400]. <p>The above permits were granted subject to the following conditions:</p> <ol style="list-style-type: none"> a) the measures described in item 28 in this table are implemented; b) the implementation of the permit together with the conditions imposed in the decision of RDOŚ in Wrocław of 03/13/2015 on environmental 	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>conditions for the construction of the dry flood protection reservoir Krosnowice on the stream Duna (ref. no.: WOOŚ.4204.2.2013.ŁCK.24 – appendix no. 4a to this EMP), cited in this table.</p> <p>The permits defined in the above-mentioned decision are valid until December 31, 2020.</p> <p>Information on the extent to which the permits specified in the above decision have been used shall be submitted to the Engineer in accordance with the conditions defined in item 123.</p>	
114.	<p>Implementation of the decision of RDOŚ permitting derogations from prohibitions on the protection of species of animals</p> <p>In relation to the implementation of the Task, in the decision of RDOŚ in Wrocław of 06/13/2016 for the dry flood protection reservoir Krosnowice on the Duna stream (ref.: WPN.6401.194.2016.MR – appendix no. 4c to this EMP) the following permits were granted in relation to individuals and habitats of protected plant species occurring within the Task implementation area, located in 300 m wide strips along the banks of the streams: Lower Duna [at km 0+000-3+400] and Upper Duna [at km 0+000-1+400]:</p> <p>1) in relation to the 2 protected amphibian and reptile species listed in point 1 of the above-mentioned decision, it is permitted to perform the activities described in point 1 of the above-mentioned decision;</p> <p>2) in relation to the 4 protected mammal species listed in point 2 of the above-mentioned decision, it is permitted to perform the activities described in point 2 of the above-mentioned decision;</p> <p>3) in relation to the 3 protected species of fish and lampreys listed in point 3 of the above-mentioned decision, it is permitted to perform the activities described in point 3 of the above-mentioned decision;</p> <p>4) in relation to the 2 protected mammal species listed in point 4 of the above-mentioned decision, it is permitted to perform the activities described in point 4 of the above-mentioned decision; 5) in relation to the 1 protected reptile species listed in point 5 of the above-mentioned decision, it is permitted to perform the activities described in point 5 of the above-mentioned decision;</p> <p>6) in relation to the 1 protected mammal species listed in point 6 of the above-mentioned decision, it is permitted to perform the activities described in point 6 of the above-mentioned decision;</p> <p>7) in relation to the 1 protected mammal species listed in point 7 of the above-mentioned decision, it is permitted to perform the activities described in point 7 of the above-mentioned decision;</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>8) in relation to the 2 protected mammal species listed in point 8 of the above-mentioned decision, it is permitted to perform the activities described in point 8 of the above-mentioned decision;</p> <p>9) in relation to the 7 protected bat species listed in point 9 of the above-mentioned decision, it is permitted to perform the activities described in point 9 of the above-mentioned decision;</p> <p>10) in relation to the 64 protected bird species listed in point 10 of the above-mentioned decision, it is permitted to perform the activities described in point 10 of the above-mentioned decision;</p> <p>11) in relation to the 9 protected bird species listed in point 11 of the above-mentioned decision, it is permitted to perform the activities described in point 11 of the above-mentioned decision;</p> <p>12) in relation to the 2 protected bat species listed in point 12 of the above-mentioned decision, it is permitted to perform the activities described in point 12 of the above-mentioned decision;</p> <p>13) in relation to the 1 protected bird species listed in point 13 of the above-mentioned decision, it is permitted to perform the activities described in point 13 of the above-mentioned decision.</p> <p>The above permits were granted subject to the following conditions:</p> <p>a) to perform the activities connected with catching and transferring the individuals of species of protected animals from the site, described in items 15, 32 and 35 in this table;</p> <p>b) the implementation of the permit together with the conditions imposed in the decision of RDOŚ in Wrocław of 03/13/2015 on environmental conditions for the construction of the dry flood protection reservoir Krosnowice on the stream Duna (ref.: WOOŚ.4204.2.2013.ŁCK.24 – appendix no. 4a to this EMP), cited in this table.</p> <p>The permits defined in the above-mentioned decision are valid until December 31, 2020. Information on the extent to which the permits specified in the above decision have been used shall be submitted to the Engineer in accordance with the terms of item 123.</p>	
115.	<p>Training of the Contractor's staff for EMP implementation</p> <p>The Contractor is obliged to train their managerial and engineering and technical staff on the rules and methods of implementation of these EMP conditions which, in accordance with Appendix 1 and Appendix 2 of the EMP, are assigned to the Contractor. Such training should be concluded with a test of participants' knowledge.</p> <p>The Contractor, in monthly reports submitted to the</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	Engineer, will provide information on the status of training for the Contractor's personnel within EMP conditions in the current reporting period.	
116.	<p><i>Appointment of the EMP coordinator in the Contractor's team</i></p> <p>A person shall be appointed in the Contractor's team coordinating and supervising the measures related to EMP implementation.</p> <p>The responsibilities of such person shall be, in particular:</p> <ul style="list-style-type: none"> a) supervision over the implementation of particular conditions of the EMP in subsequent stages of the Task implementation; b) ongoing monitoring of the state of implementation of particular conditions from Appendices 1 and 2 of the EMP in the area of Task implementation; c) informing the management of the Contractor's team on a current basis about the obligations resulting from the EMP at a given stage of works, as well as about problems in the implementation of the EMP; d) co-operation with the rest of the Contractor's team (including a team of environmental experts, a team of archaeologists and a team of sapper supervision referred to items 117, 118 and 119) in the scope of ensuring the implementation of the EMP; e) reporting of EMP execution (as per the rules given in items 121, 122 and 123); f) cooperation with persons responsible for the implementation of the EMP in the Engineer's and Employer's team. <p>The Engineer's approval is required for the person appointed to perform the above-mentioned function.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>
117.	<p><i>Providing a team of environmental experts</i></p> <p>For the entire Task implementation period, the Contractor shall provide the team of environmental experts, composed of the representatives of the following specialisations:</p> <ul style="list-style-type: none"> a) botanist-phytosociologist (natural habitats and protected plant species); b) botanist-bryologist (moss); c) dendrologist (principles of care and protection of trees) d) zoologist-expert in invertebrates (protected species of invertebrates [especially butterflies and beetles], macrozoobenthos) e) zoologist-ichthyologist (fish) f) zoologist-herpetologist (amphibians and reptiles) g) zoologist-ornithologist (birds) h) zoologist-chiropterologist (bats) 	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>i) zoologist-theriologist (non-flying mammals) These experts will be involved in the implementation of selected mitigation and monitoring measures identified in the EMP, in particular:</p> <p>a) mitigation measures listed under appendix 1 to the EMP in the items: 6, 11, 14, 15, 16, 20, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 48, 50, 52, 57, 58, 63, 72, 77, 110, 111, 112, 113, 114, 116, 117, 122 and 123;</p> <p>b) monitoring measures listed under Appendix 2 to the EMP, in the items: 124, 125 and 126.</p> <p>The Engineer's approval is required for personal composition of the team of environmental experts. One member of the environmental expert team may represent a maximum of two of the nature specialisations listed in points a-i above. Engagement of the above-mentioned experts within works concerning other tasks of OVFMP or in any other ventures may not limit their availability for the said Task.</p> <p>Before the commencement of works, the Contractor will present for the Engineer's approval the Quality assurance plan in scope of activities of the team of environmental experts.</p>	
118.	<p>Ensuring the team of expert archaeologists</p> <p>For the entire period of Task implementation, the Contractor will ensure the participation of a team of expert archaeologists.</p> <p>The experts will be involved in execution of selected mitigating measures specified in the EMP (specifically this concerns the measures described in item 107, 108 and 109 in Appendix 1 of the EMP).</p> <p>Depending on the needs, a team of expert archaeologists can consist of one or more people with the appropriate professional licenses. The Engineer's approval is required for personal composition of the team of expert archaeologists. Engagement of the above-mentioned experts within works concerning other tasks of OVFMP or in any other ventures may not limit their availability for the said Task.</p> <p>Before the commencement of works, the Contractor shall present for the Engineer's approval the Quality assurance plan in scope of activities of the team of expert archaeologists.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>
119.	<p>Ensuring the team of sapper supervision</p> <p>For the entire Task implementation period, the Contractor shall ensure the participation of the team of sapper supervision.</p> <p>This team will be involved in execution of selected mitigating measures specified in the EMP (specifically this concerns the measures described in item 99 in Appendix 1 of the EMP).</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.</p>

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	Depending on the needs, a team of sapper supervision can consist of one or more people with the appropriate professional licenses. The Engineer's approval is required for personal composition of the team of sapper supervision. Engagement of the above-mentioned persons within works concerning other tasks of OVFMP or in any other ventures may not limit their availability for the said Task. Before the commencement of works, the Contractor shall present for the Engineer's approval the Quality assurance plan in scope of activities of the team of sapper supervision.	
120.	<i>Discussing the EMP implementation during working meetings and at Site Councils</i> During the term of the Task implementation, monthly meetings will be held between representatives of the PIO, Engineer and Contractor to discuss and control the implementation of the mitigation and monitoring measures specified in the EMP. Regardless the above, current requirements and problems relating to EMP implementation will be discussed at all Site Councils.	IMPLEMENTED AND COMPLETED. No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation.
121.	<i>Reporting on the state of implementation of the EMP in monthly reports</i> During the Task implementation period, the Contractor will submit to the Engineer monthly reports on the implementation of the conditions specified in the EMP (in the form of a checklist with the necessary attachments, including reports on the implementation of environmental supervision). A template of the above-mentioned report (checklist) will be developed by the Contractor and submitted to the Engineer for approval. Depending on the circumstances, the Engineer may request the Contractor to present additional reports, concerning, among other things, the occurrence of emergency situations, implementation of selected items of EMP and others.	IMPLEMENTED AND COMPLETED. No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 until the end of works implementation
122.	<i>Providing information on the implementation of the conditions in items 15, 27, 40 and 63 in Appendix 1 of the EMP to RDOŚ in Wrocław</i> Information about arrangements referring to the manner and scope of the conducted measures specified in items 15, 27, 40 and 63 (i.e. the selected measures specified in the environmental decision issued by RDOŚ in Wrocław on 03/13/2015, as well as documents confirming the participation of experts (e.g. reports on settlements and statements of experts confirming the proper conduct of measures) should be submitted to RDOŚ according to the following rules: a) during the period of Task implementation (applies	IMPLEMENTED AND COMPLETED. No problems were identified with the implementation of the measure. Implementation of the measure was started in the 1st quarter of 2019 until the end of works implementation.

Item	Mitigation measure listed under App. 1 to the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>to all the above measures):</p> <ul style="list-style-type: none"> – the Contractor shall submit the above-mentioned information to the Engineer within 15 days after making the arrangements and within 15 days after finishing to implement the arrangements; – the Engineer shall submit the above-mentioned information to the Employer within 7 days after receiving the above information from the Contractor; – the Employer shall submit the above-mentioned information to RDOŚ in Wrocław within 7 days after receiving the above information from the Engineer (i.e. with a 30-day deadline for submission of such information to RDOŚ after making the above-mentioned arrangements or after finishing to implement the above-mentioned arrangements). <p>b) after the end of the Task implementation period (applies to the measures referred to in item 63):</p> <ul style="list-style-type: none"> – the Employer shall submit the above-mentioned information to RDOŚ in Wrocław within 30 days after making the arrangements and within 30 days after finishing to implement the arrangements. 	
123.	<p><i>Provision of information on the scope of use of the permits listed in items 113 and 114 in Appendix 1 of the EMP to RDOŚ in Wrocław</i></p> <p>Information on the scope of use of the permits listed in items 113 and 114 (i.e. the permits specified in 2 decisions of RDOŚ in Wrocław of 06/13/2016) should be submitted to RDOŚ according to the following rules:</p> <ul style="list-style-type: none"> – the Contractor shall submit the above-mentioned information to the Engineer by December 15, 2020 (or until the end of the period of Task implementation, if this is before December 15, 2020); – the Engineer shall submit the above-mentioned information to the Employer within 15 calendar days after receiving the above information from the Contractor (not later however than until December 31, 2020); – the Employer shall submit the above-mentioned information to RDOŚ in Wrocław by January 15, 2021. 	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure.</p> <p>Implementation of the measure was started in the 2nd quarter of 2019 until the end of works implementation.</p>

Part II. Checklist for implementation of the monitoring measures listed under Appendix 2 to the EMP for Contract 2A.2/2.

Explanations for the checklist presented in Part II

The measures listed under Appendix 1 to the EMP for Contract 2A.2/2 are grouped in 2 thematic categories (marked with letters A.- W.):

Cat.	Category Name	Item at EMP checklist
A.-V.	Monitoring of implementation of mitigation measures in Appendix 2 to the EMP	1-123
W.	Requirements for the implementation of nature monitoring	124-127

The numbers in the column “*Item on the list*” – from 1) to 127) – stand for the numbers of relevant monitoring measures, according to the numbering in Appendix 2 of the EMP.

The following is given for each of monitoring measures:

- Description of the measure (marked with ***bold and italicised font*** together with number in the column “Item”);
- The content of the measure presented in the wording of Appendix 2 of the EMP (together with detailed implementation guidelines of a given monitoring measure given in Appendix 2 of the EMP)
- Description of the implementation status of the measure in the reporting period.

Table 2 Checklist for implementation of the monitoring measures listed under Appendix 2 to the EMP for Contract 2A.2/2.

Item	Monitoring measures listed under Appendix 2 of the EMP	Implementation status in reporting period
(1)	(2)	(3)
1-123	<p>Monitoring of implementation of the mitigation measures in Appendix 1 to the EMP</p> <p>In accordance with the descriptions given in items 1 – 123 in Appendix 2 of the EMP</p> <p>Place of monitoring In accordance with the descriptions given in items 1 – 123 in Appendix 2 of the EMP</p> <p>Method of monitoring In accordance with the descriptions given in items 1 – 123 in Appendix 2 of the EMP</p> <p>Period and frequency of monitoring In accordance with the descriptions given in items 1 – 123 in Appendix 2 of the EMP</p> <p>Monitoring unit</p>	<p>Monitoring of the measures started from the date of the instruction to commence Construction Works (i.e. August 30, 2018) and continued until the end of the reporting period (i.e. the End of the Defects Notification Period).</p> <p>No problems were identified with the implementation of the monitoring measures.</p>

Item	Monitoring measures listed under Appendix 2 of the EMP	Implementation status in reporting period
(1)	(2)	(3)
	Contractor Team, Engineer team, Employer (in accordance with the descriptions given in items 1 – 123 in Appendix 2 of the EMP)	
Requirements for implementation of nature monitoring.		
124.	<p>Monitoring of suspended solids concentration in Duna stream below the work site</p> <p>During the Task implementation period, the concentration of suspended solids in the Duna stream should be checked regularly (once every 14 days or more often) at a point located 1 km downstream from the site of the current works. If the concentration of suspended solids exceeds 40 mg/l, an interruption in the works causing an increase in suspended solids concentration shall be implemented, of a duration indicated by the expert ichthyologist (referred to in item 117 in appendix 1 of the EMP) and agreed with the Engineer.</p> <p>[see also item 79 in Appendix 1 of the EMP]</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>
125.	<p>Monitoring of technical condition of bat boxes, referred to in item 112 of Appendix 1 to the EMP</p> <p>After hanging the bat boxes referred to in item 112 in appendix 1 of the EMP, these boxes should be inspected annually to assess their technical condition, with cleaning and any repairs or replacements carried out (as per the conditions given in item 112 in appendix 1 of the EMP).</p> <p>Box inspections should begin one year after hanging and should be conducted for a minimum of 5 years, once a year between late July and late August.</p> <p>After 5 years of conducting box inspections, an opinion should be obtained from RDOŚ in Wrocław on whether box inspections can be terminated or need to be continued.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2022 and was continued until the end of execution of works.</p>
126.	<p>Monitoring of effectiveness of devices supporting the fish migration</p> <p>Following the completion of reservoir dam construction (immediately after the end of dam construction and during the trout spawning season), the effectiveness of fish migration devices (including the adit that guides the waters of the Duna stream below the dam body) should be regularly inspected for the upstream and downstream movement of ichthyofauna.</p> <p>A methodology for conducting activities consisting in inspecting the effectiveness of devices supporting the fish migration (prepared by the expert ichthyologist referred to in item 117 in appendix 1 of the EMP) should be submitted to RDOŚ for giving an opinion according to the following rules:</p> <p>a) during the Task implementation period:</p> <ul style="list-style-type: none"> – the Contractor shall submit the above-mentioned methodology to the Engineer no later than 90 days before the planned date of starting the monitoring; – the Engineer shall submit the above-mentioned methodology to the Employer within 15 days after receiving the above-mentioned information from the Contractor; 	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 2nd quarter of 2022 and was continued until the end of execution of works.</p>

Item	Monitoring measures listed under Appendix 2 of the EMP	Implementation status in reporting period
(1)	(2)	(3)
	<p>– the Employer shall submit the above-mentioned methodology to RDOŚ in Wrocław within 15 days after receiving the above-mentioned information from the Engineer (i.e. within a deadline for submission of the above methodology to RDOŚ, not later than 60 days before the planned date of starting the monitoring).</p> <p>b) after the end of the Task implementation period (if this was not done during the Task implementation period):</p> <p>– the Employer shall submit the above-mentioned methodology to RDOŚ in Wrocław no later than 60 days before the planned date of starting the monitoring.</p> <p>A report (photographic documentation and textual description) should be prepared from the results of the monitoring conducted in a given calendar year and submitted to RDOŚ in Wrocław according to the following rules:</p> <p>a) during the Task implementation period:</p> <p>– the Contractor shall submit the above-mentioned report to the Engineer by December the 31 of a given year;</p> <p>– the Engineer shall submit the above-mentioned report to the Employer by January the 15 of the next year,</p> <p>– the Employer shall submit the above-mentioned report to RDOŚ in Wrocław by January the 31 of the following year.</p> <p>b) after the end of the Task implementation period:</p> <p>– the Employer shall submit the above-mentioned report to RDOŚ in Wrocław by January the 31 of the following year.</p>	
127.	<p>Implementation of monitoring measure</p> <p>Implementation of the monitoring measures listed in items 124-126 in appendix 2 of the EMP, during the period of Task implementation.</p>	<p>IMPLEMENTED AND COMPLETED.</p> <p>No problems were identified with the implementation of the measure. Implementation of the measure was started in the 4th quarter of 2018 and was continued until the end of execution of works.</p>

Part III. Quantitative list of implementation of the measures listed under Appendix 1 and 2 to the EMP for Contract 2A.2/2.

The table below presents a quantitative list of the implementation of the measures listed under Appendix 1 and 2 of the Environmental Management Plan (EMP) for Contract 2A.2/2 within the reporting period.

Table 3. Quantitative list of implementation of the measures listed under Appendix 1 and 2 to the EMP for Contract 2A.2/2.

Category	Mitigation measures (items 1 – 123 in Appendix 1 to EMP)		Monitoring measure (items 1 – 127 in Appendix 2 to EMP)	
	quantity	item no.	quantity	item no.
Measures implemented and completed in the reporting period	123	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123	114	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 67, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 127
Measures implemented (required to be continued)	0	-	13	59, 60, 61, 62, 63, 64, 65, 66, 68, 110, 111, 112, 126